

OPERATIONAL VISIT

KANKAKEE VALLEY AIRPORT -

WASTEWATER TREATMENT PLANT

DATE -

August 7, 1974

INTERVIEWED -

Howard Wheeler Airport Manager

On the above date an inspection was made of the Kankakee Valley Airport waste treatment facility in order to determine current operating conditions and to collect a final effluent sample

The following was noted during the inspection

- 1 Upon arrival at the plant the aeration tank was not receiving air. Without air the aeration tank had a light scum cover and gray contents. During the inspection the aerator started. The air appeared to have an even distribution. The contents of the aeration tank were gray-brown and gave off an earthy odor. Wheeler stated sludge had not been wasted yet.
- 2 The surface of the final clarifier contained a thick floating sludge cover. The discharge to the weir was a trickle. The weir was excessively dirty. The upstream 40% of the weir was completely filled with sludge. The entire plant was in need of paint.
- 3 The surface of the chlorine contact tank was 5% covered with floating solids. The chlorinator hoses were on site but not in place.
- 4 A final effluent sample was not collected as the discharge was a trickle. The discharge from the plant is to a ditch along a runway. Upstream of the discharge the ditch was dry. Downstream of the discharge for 200 feet the ditch contained green and black deposits. Wheeler stated the airport is having much better luck with this new waste treatment plant. Wheeler was informed of numerous operating procedures which should be followed at the plant. Wheeler was reminded of the investment in the waste water treatment plant and offered maintenance hints.

Michael F. Hermesmeier  
Environmental  
Protection Engineer

Mll bjg

8/28 - 8/29/74

CC - EPA Spfld

FOS (Records Unit), DWPC

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